

3rd Quarter 2018 - Effluent Limit Violation Responses																	
Monitoring Site Information					Effluent Limit Violation Details										Compliant Sample		
Company Name	State	NPDES Permit	SMCRA Permit	Outfall	Sample Date	Notification Date	Parameter	Result	Limit	Type	Explanations			Category	Sample Date	Result	Notes
A&G Coal Corporation	VA	VA0081954	1101954	018	08/15/18	08/17/18	Total Suspended Solids	74.0000	70.0000	Daily	Likely cause due to low pond volume and disturbance from rain events or possible outside influences. Evidence of bears present in the area, bear prints all over pond area.			N/A	08/17/18	5.0000	
A&G Coal Corporation	VA	VA0081954	1101954	C	07/02/18	08/16/18	Total Suspended Solids	51.0000	35.0000	Monthly	Likely cause due to low pond volume and disturbance from rain events or possible outside influences. Evidence of bears present in nearby area.			1	Pending	Pending	No Discharge
Virginia Fuel Corporation	VA	VA0082068	1602068	005	07/24/18	08/13/18	Total Suspended Solids	43.0000	35.0000	Monthly	Likely cause due to disturbance from high precipitation events.			1	08/09/18	5.0000	
Virginia Fuel Corporation	VA	VA0082073	1702073	017	07/17/18	08/16/18	Total Suspended Solids	47.0000	35.0000	Monthly	Likely cause due to low pond volume and disturbance from high precipitation events.			1	09/17/18	14.0000	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	07/05/18	07/19/18	Total Manganese	4.1200	4.0000	Daily	Low flow pond, water is usually pumped from pond to dilute, power is off to pump.			N/A	07/23/18	3.2000	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	07/17/18	07/24/18	Total Manganese	4.5200	4.0000	Daily	Low flow pond, water is usually pumped from pond to dilute, power is off to pump.			1	07/23/18	3.2000	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	07/25/18	07/31/18	Total Manganese	4.4900	4.0000	Daily	Low flow pond, water is usually pumped from pond to dilute, power is off to pump.			N/A	08/01/18	3.1900	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	07/26/18	07/31/18	Total Manganese	4.1700	4.0000	Daily	Low flow pond, water is usually pumped from pond to dilute, power is off to pump.			1	08/01/18	3.1900	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	07/26/18	08/13/18	Total Manganese	3.4250	2.0000	Monthly	Low flow pond, water is usually pumped from pond to dilute, power is off to pump.			2	08/10/18	0.6100	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	08/02/18	08/21/18	Total Manganese	4.1300	4.0000	Daily	Low flow pond, water is usually pumped from pond to dilute, power is off to pump.			N/A	08/10/18	0.6100	Not Notified within 48 hours
Virginia Fuel Corporation	VA	VA0082074	1602074	011	09/05/18	09/13/18	Total Manganese	6.6000	6.0000	Daily	Lab sampled site at wrong location, not discharging as of 09/19/18. Believed did not discharge prior.			N/A	Pending	Pending	No Discharge
Virginia Fuel Corporation	VA	VA0082074	1602074	011	09/05/18	10/16/18	Total Manganese	6.6000	3.0000	Monthly	Lab sampled site at wrong location, not discharging as of 09/19/18. Believed did not discharge prior.			1	Pending	Pending	No Discharge
Bluestone Coal Corporation	WV	WV1005979	0006083, 0007383	001	07/07/18	07/10/18	Total Aluminum	1.5470	0.7500	Daily	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/11/18	0.2260	
Bluestone Coal Corporation	WV	WV1005979	0006083, 0007383	001	07/27/18	08/06/18	Total Aluminum	0.5390	0.4300	Monthly	Likely cause due to ineffective treatment. Working with NALCO consultant to determine treatment options.			1	08/09/18	0.1460	
Bluestone Coal Corporation	WV	WV1005979	0006083, 0007383	001	07/07/18	07/10/18	Total Iron	2.6020	2.4600	Daily	Likely cause due to high flow and ineffective treatment.			N/A	07/11/18	0.1650	
Bluestone Coal Corporation	WV	WV1006304	S007282	005	07/02/18	07/06/18	Total Selenium	8.3000	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/09/18	7.3700	
Bluestone Coal Corporation	WV	WV1006304	S007282	005	07/12/18	08/06/18	Total Selenium	7.4600	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	09/06/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	005	08/18/18	09/11/18	Total Selenium	6.4200	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	09/06/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	005	09/18/18	10/10/18	Total Selenium	5.9550	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	Pending	Pending	No Compliant Sample Yet
Bluestone Coal Corporation	WV	WV1006304	S007282	006	07/02/18	07/06/18	Total Selenium	8.8700	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/09/18	5.4200	
Bluestone Coal Corporation	WV	WV1006304	S007282	006	07/12/18	08/06/18	Total Selenium	7.1767	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	08/18/18	3.6100	
Bluestone Coal Corporation	WV	WV1006304	S007282	006	08/18/18	09/11/18	Total Selenium	5.6225	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	Pending	Pending	No Compliant Sample Yet
Bluestone Coal Corporation	WV	WV1006304	S007282	006	09/18/18	10/10/18	Total Selenium	6.0500	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	Pending	Pending	No Compliant Sample Yet
Bluestone Coal Corporation	WV	WV1006304	S007282	007	07/02/18	07/06/18	Total Selenium	13.9200	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/18/18	3.2400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	07/09/18	07/10/18	Total Selenium	11.7300	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	07/18/18	3.2400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	07/12/18	07/16/18	Total Selenium	11.6300	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	07/18/18	3.2400	Not Notified within 48 hours
Bluestone Coal Corporation	WV	WV1006304	S007282	007	08/01/18	08/03/18	Total Selenium	10.1600	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	08/18/18	5.2300	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	08/13/18	08/15/18	Total Selenium	14.2300	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	08/18/18	5.2300	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	08/16/18	08/17/18	Total Selenium	10.9000	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	08/18/18	5.2300	

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Bluestone Coal Corporation	WV	WV1006304	S007282	007	09/04/18	09/05/18	Total Selenium	11.7500	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	09/06/18	6.4600	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	09/14/18	09/17/18	Total Selenium	12.5200	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	10/04/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	09/18/18	09/20/18	Total Selenium	13.0600	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	10/04/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	09/20/18	09/21/18	Total Selenium	8.4400	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	10/04/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	07/18/18	08/06/18	Total Selenium	8.7240	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	10/04/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	08/18/18	09/11/18	Total Selenium	10.1300	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	10/04/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	09/20/18	10/10/18	Total Selenium	10.4460	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	10/04/18	4.1400	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	07/02/18	07/06/18	Total Selenium	14.0200	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/09/18	7.9700	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	07/12/18	07/16/18	Total Selenium	12.2200	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/17/18	1.9500	Not Notified within 48 hours
Bluestone Coal Corporation	WV	WV1006304	S007282	008	08/01/18	08/03/18	Total Selenium	12.4100	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	08/18/18	5.8400	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	08/13/18	08/15/18	Total Selenium	11.5400	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	08/18/18	5.8400	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	08/16/18	08/17/18	Total Selenium	9.6400	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	08/18/18	5.8400	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	09/04/18	09/05/18	Total Selenium	11.9300	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	09/06/18	6.9100	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	09/14/18	09/17/18	Total Selenium	11.3300	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	09/20/18	7.1700	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	09/18/18	09/20/18	Total Selenium	10.4600	8.2000	Daily	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	09/20/18	7.1700	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	07/18/18	08/06/18	Total Selenium	7.5900	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			1	10/04/18	3.8600	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	08/18/18	09/11/18	Total Selenium	9.8575	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	10/04/18	3.8600	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	09/20/18	10/10/18	Total Selenium	9.5600	4.7000	Monthly	High sediment in pond causing higher Se result in discharge, also ineffective treatment. Working with NALCO consultant to determine treatment options.			2	10/04/18	3.8600	
Bluestone Coal Corporation	WV	WV1006347	U400788	001	09/26/18	10/10/18	Total Aluminum	0.4377	0.4300	Monthly	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			1	10/09/18	0.3280	
Pay Car Mining, Inc.	WV	WV1018663	U401098	001	07/26/18	07/30/18	Total Aluminum	0.7510	0.7500	Daily	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/31/18	0.2110	Not Notified within 48 hours
Bluestone Coal Corporation	WV	WV1018698	U401398	001	09/26/18	10/10/18	Total Aluminum	0.4863	0.4300	Monthly	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			1	10/18/18	0.2610	
Bluestone Coal Corporation	WV	WV1018698	U401398	002	07/20/18	07/24/18	Total Aluminum	0.8360	0.7500	Daily	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	07/25/18	0.1100	
Bluestone Coal Corporation	WV	WV1018698	U401398	002	08/22/18	08/23/18	Total Aluminum	1.3320	0.7500	Daily	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	08/24/18	0.1900	
Bluestone Coal Corporation	WV	WV1018698	U401398	002	09/06/18	09/07/18	Total Aluminum	2.5450	0.7500	Daily	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			N/A	09/11/18	0.4690	
Bluestone Coal Corporation	WV	WV1018698	U401398	002	09/10/18	09/12/18	Total Aluminum	0.8690	0.7500	Daily	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			1	09/11/18	0.4690	
Bluestone Coal Corporation	WV	WV1018698	U401398	002	09/20/18	10/10/18	Total Aluminum	0.9010	0.4300	Monthly	Likely cause due to high flow and ineffective treatment. Working with NALCO consultant to determine treatment options.			1	10/02/18	0.3060	

4th Quarter 2018 - Effluent Limit Violation Responses															
Monitoring Site Information						Effluent Limit Violation Details							Sample		Notes
Company Name	State	NPDES Permit	SMCRA Permit	Outfall	Sample Date	Notification Date	Parameter	Result	Limit	Type	Category	Sample Date	Result		
Justice Coal of Alabama, LLC	AL	AL0062693	P3877	006	11/07/18	11/20/18	Total Suspended Solids	72.0000	70.0000	Daily	N/A	11/21/18	7.0000		
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	10/09/18	10/19/18	Total Manganese	5.0100	4.0000	Daily	N/A	10/18/18	3.3700		
Bluestone Coal Corporation	WV	WV1005995	D001182, H062200	001	11/26/18	11/28/18	Total Aluminum	1.1770	0.7500	Daily	N/A	11/29/18	0.1390		
Bluestone Coal Corporation	WV	WV1006304	S007282	002	10/01/18	10/02/18	Total Aluminum	9.1440	0.7500	Daily	N/A	10/03/18	0.4770		
Bluestone Coal Corporation	WV	WV1006304	S007282	002	10/01/18	10/03/18	Total Suspended Solids	1024.0000	70.0000	Daily	N/A	10/03/18	43.0000		
Bluestone Coal Corporation	WV	WV1006304	S007282	002	10/01/18	10/02/18	Total Iron	18.1720	2.4600	Daily	N/A	10/03/18	0.7400		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/01/18	10/02/18	Total Selenium	12.7800	8.2000	Daily	2	10/04/18	4.1400		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/03/18	10/04/18	Total Selenium	10.6800	8.2000	Daily	2	10/04/18	4.1400		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/09/18	10/12/18	Total Selenium	10.7100	8.2000	Daily	N/A	10/18/18	5.9800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/12/18	10/15/18	Total Selenium	9.1800	8.2000	Daily	1	10/18/18	5.9800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/13/18	10/15/18	Total Selenium	9.0400	8.2000	Daily	2	10/18/18	5.9800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/16/18	10/17/18	Total Selenium	8.5500	8.2000	Daily	2	10/18/18	5.9800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	11/01/18	11/05/18	Total Selenium	14.0500	8.2000	Daily	N/A	11/06/18	5.7400		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	11/12/18	11/15/18	Total Selenium	10.8700	8.2000	Daily	N/A	12/15/18	5.5600		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	12/03/18	12/06/18	Total Selenium	11.2100	8.2000	Daily	2	12/15/18	5.5600		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	12/13/18	12/14/18	Total Selenium	12.4500	8.2000	Daily	2	12/15/18	5.5600		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	10/01/18	10/02/18	Total Selenium	10.8400	8.2000	Daily	N/A	10/04/18	3.8600		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	10/03/18	10/04/18	Total Selenium	9.0900	8.2000	Daily	1	10/04/18	3.8600		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	10/12/18	10/15/18	Total Selenium	12.0200	8.2000	Daily	N/A	11/06/18	3.7900		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	10/16/18	10/17/18	Total Selenium	11.6900	8.2000	Daily	1	11/06/18	3.7900		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	10/18/18	10/22/18	Total Selenium	11.8300	8.2000	Daily	2	11/06/18	3.7900		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	11/01/18	11/05/18	Total Selenium	11.7200	8.2000	Daily	2	11/06/18	3.7900		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	11/12/18	11/15/18	Total Selenium	10.5100	8.2000	Daily	N/A	12/15/18	5.2000		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	12/03/18	12/06/18	Total Selenium	9.2800	8.2000	Daily	2	12/15/18	5.2000		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	12/13/18	12/14/18	Total Selenium	9.7700	8.2000	Daily	2	12/15/18	5.2000		

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Second Sterling Corporation	WV	WV0060216	0008282, 0008382	002	11/15/18	11/16/18	Total Aluminum	1.5670	0.6000	Daily	N/A	11/26/18	0.0390		
Second Sterling Corporation	WV	WV0060216	0008282, 0008382	002	11/15/18	11/16/18	Total Iron	2.9010	1.6400	Daily	N/A	11/26/18	0.0720		
Second Sterling Corporation	WV	WV0060216	0008282, 0008382	002	11/15/18	11/19/18	Total Suspended Solids	130.0000	70.0000	Daily	N/A	11/26/18	9.0000		
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	10/31/18	11/09/18	Total Manganese	3.2325	2.0000	Monthly	1	11/17/18	1.2000		
Bluestone Coal Corporation	WV	WV1005995	D001182, H062200	001	11/29/18	12/13/18	Total Aluminum	0.4837	0.4300	Monthly	1	12/06/18	0.2950		
Bluestone Coal Corporation	WV	WV1006304	S007282	002	10/12/18	11/09/18	Total Aluminum	1.6778	0.4300	Monthly	1	11/12/18	0.1920		
Bluestone Coal Corporation	WV	WV1006304	S007282	002	10/12/18	11/09/18	Total Iron	3.2403	1.4200	Monthly	1	11/12/18	0.2430		
Bluestone Coal Corporation	WV	WV1006304	S007282	002	10/12/18	11/09/18	Total Suspended Solids	184.0000	35.0000	Monthly	1	11/12/18	15.0000		
Bluestone Coal Corporation	WV	WV1006304	S007282	005	10/12/18	11/09/18	Total Selenium	6.1300	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	005	11/12/18	12/13/18	Total Selenium	6.2000	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	005	12/13/18	01/12/19	Total Selenium	5.6100	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	006	10/12/18	11/09/18	Total Selenium	5.7900	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	006	11/12/18	12/13/18	Total Selenium	6.2450	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	006	12/13/18	01/12/19	Total Selenium	5.4400	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	007	10/18/18	11/09/18	Total Selenium	8.8825	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	007	11/12/18	12/13/18	Total Selenium	10.2200	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	007	12/15/18	01/12/19	Total Selenium	9.7400	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	008	10/18/18	11/09/18	Total Selenium	9.4129	4.7000	Monthly	2	11/06/18	3.7900		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	11/12/18	12/13/18	Total Selenium	8.6733	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006304	S007282	008	12/15/18	01/12/19	Total Selenium	8.0833	4.7000	Monthly	2	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1006347	U400788	001	11/29/18	12/13/18	Total Aluminum	0.5467	0.4300	Monthly	1	12/06/18	0.2530		
Bluestone Coal Corporation	WV	WV1018698	U401398	001	10/18/18	11/09/18	Total Aluminum	0.5575	0.4300	Monthly	2	11/11/18	0.2230		
Bluestone Coal Corporation	WV	WV1018698	U401398	001	12/19/18	01/12/19	Total Suspended Solids	40.5000	35.0000	Monthly	1	01/08/19	29.0000		
Bluestone Coal Corporation	WV	WV1018698	U401398	001	12/22/18	01/12/19	Total Aluminum	0.6340	0.4300	Monthly	1	Not Yet In-Compliance			
Bluestone Coal Corporation	WV	WV1018965	S400900	004	11/28/18	12/13/18	Total Aluminum	0.1147	0.0800	Monthly	1	01/07/19	0.0470		
Bluestone Coal Corporation	WV	WV1018965	S400900	004	12/26/18	01/12/19	Total Aluminum	0.1600	0.0800	Monthly	2	01/07/19	0.0470		
Bluestone Coal Corporation	WV	WV1018965	S400900	005	11/28/18	12/13/18	Total Aluminum	0.1740	0.0800	Monthly	1	12/12/18	0.0410		
Bluestone Coal Corporation	WV	WV1018965	S400900	007	11/21/18	12/13/18	Total Aluminum	0.1647	0.0800	Monthly	1	12/20/18	0.0310		

1st Quarter 2019 - Effluent Limit Violation Responses																		
Monitoring Site Information					Effluent Limit Violation Details										Sample		Notes	
Company Name	State	NPDES Permit	SMCRA Permit	Outfall	Sample Date	Notification Date	Parameter	Result	Limit	Type	Explanations			Category	Compliant Sample Date	Result		
Kentucky Fuel Corporation	KY	KYGE40925	8609015	007	02/08/19	02/12/19	Total Iron	8.3000	4.0000	Daily	High amounts of rainfall before sampling			N/A	02/19/2019	0.8300		
Kentucky Fuel Corporation	KY	KYGE40925	8609015	007	02/19/19	04/02/19	Total Iron	4.5650	3.0000	Monthly	High amounts of rainfall before sampling			Cat 1	03/06/2019	0.9500		
Kentucky Fuel Corporation	KY	KYGE40925	8609015	007	02/08/19	02/12/19	Total Suspended Solids	357.0000	70.0000	Daily	High amounts of rainfall before sampling			N/A	02/19/2019	12.0000		
Kentucky Fuel Corporation	KY	KYGE40925	8609015	007	02/19/19	04/02/19	Total Suspended Solids	184.5000	35.0000	Monthly	High amounts of rainfall before sampling			Cat 1	03/06/2019	18.0000		
A&G Coal Corporation	VA	VA0081914	1101914	011	02/22/19	02/28/19	Total Suspended Solids	118.0000	70.0000	Daily	Increased amounts of rainfall before sampling			N/A	02/28/2019	6.0000		
A&G Coal Corporation	VA	VA0081914	1101914	011	02/28/19	04/02/19	Total Suspended Solids	45.3333	35.0000	Monthly	Increased amounts of rainfall before sampling			Cat 1	03/04/2019	32.0000		
A&G Coal Corporation	VA	VA0081914	1101914	014	02/15/19	02/20/19	Total Suspended Solids	114.0000	70.0000	Daily	Increased amounts of rainfall before sampling			N/A	02/21/2019	17.0000		
A&G Coal Corporation	VA	VA0081914	1101914	014	02/21/19	02/28/19	Total Suspended Solids	116.0000	70.0000	Daily	Increased amounts of rainfall before sampling			Cat 1	02/21/2019	17.0000		
A&G Coal Corporation	VA	VA0081914	1101914	014	02/28/19	04/02/19	Total Suspended Solids	39.7500	35.0000	Monthly	Increased amounts of rainfall before sampling			Cat 1	03/04/2019	22.0000		
A&G Coal Corporation	VA	VA0082003	1102003	A	02/26/19	04/02/19	Total Suspended Solids	37.0000	35.0000	Monthly	Increased amounts of rainfall before sampling for two of the samples, didn't pull enough samples to achieve compliant average			Cat 1	03/08/2019	5.0000		
A&G Coal Corporation	VA	VA0082048	1302048	001	02/23/19	02/28/19	Total Suspended Solids	78.0000	70.0000	Daily	High amounts of rainfall before sampling			N/A	02/28/2019	5.0000		
A&G Coal Corporation	VA	VA0082048	1302048	002	02/23/19	04/02/19	Total Suspended Solids	40.3333	35.0000	Monthly	Increased amounts of rainfall before sampling for two of the samples, didn't pull enough samples to achieve compliant average			Cat 1	03/08/2019	12.0000		
A&G Coal Corporation	VA	VA0082057	M-001A	A	02/21/19	04/02/19	Total Suspended Solids	45.0000	35.0000	Monthly	High amounts of rainfall before sampling			Cat 1	03/01/2019	19.0000		
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	03/25/19	04/15/19	Total Iron	4.0400	3.0000	Monthly	Low flow pond, water is usually pumped into pond to dilute, power is off to pump			Cat 1				
Chestnut Land Holdings LLC	WV	WV0091952	U021483	017	02/11/19	02/13/19	Total Suspended Solids	175.0000	70.0000	Daily	High amounts of rainfall before sampling			N/A	02/14/2019	37.0000		
Chestnut Land Holdings LLC	WV	WV0091952	U021483	017	02/25/19	03/01/19	Total Suspended Solids	133.0000	70.0000	Daily	High amounts of rainfall before sampling			N/A	03/05/2019	3.0000		
Chestnut Land Holdings LLC	WV	WV0091952	U021483	017	02/25/19	04/02/19	Total Suspended Solids	67.1667	35.0000	Monthly	High amounts of rainfall before sampling			Cat 1	03/11/2019	25.0000		
Nufac Mining Company, Inc.	WV	WV0097446	S402586	003	02/08/19	03/28/19	Total Aluminum	1.4500	0.7500	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Working with NALCO consultant to determine treatment options			N/A	03/12/2019	0.3400		
Nufac Mining Company, Inc.	WV	WV0097446	S402586	003	02/22/19	03/11/19	Total Aluminum	0.7800	0.7500	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Working with NALCO consultant to determine treatment options			Cat 2	03/12/2019	0.3400		
Nufac Mining Company, Inc.	WV	WV0097446	S402586	003	02/22/19	04/02/19	Total Aluminum	0.7680	0.4300	Monthly	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Working with NALCO consultant to determine treatment options			Cat 1	03/12/2019	0.3400		
Nufac Mining Company, Inc.	WV	WV0097446	S402586	005	03/26/19	04/05/19	Total Aluminum	0.8000	0.7500	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Working with NALCO consultant to determine treatment options			N/A				
Nufac Mining Company, Inc.	WV	WV0097446	S402586	005	03/26/19	04/15/19	Total Aluminum	0.4450	0.4300	Monthly	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Working with NALCO consultant to determine treatment options			Cat 1				
Bluestone Coal Corporation	WV	WV1006304	S007282	003	01/14/19	02/08/19	Total Selenium	5.8000	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 1	02/05/19	4.4000		
Bluestone Coal Corporation	WV	WV1006304	S007282	003	03/26/19	04/15/19	Total Selenium	5.3000	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 1				
Bluestone Coal Corporation	WV	WV1006304	S007282	005	01/14/19	02/08/19	Total Selenium	6.6350	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	03/26/19	4.6000		
Bluestone Coal Corporation	WV	WV1006304	S007282	005	02/23/19	04/02/19	Total Selenium	5.4740	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	03/26/2019	4.6000		
Bluestone Coal Corporation	WV	WV1006304	S007282	005	03/22/19	04/15/19	Total Selenium	5.4233	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2				
Bluestone Coal Corporation	WV	WV1006304	S007282	006	01/14/19	02/08/19	Total Selenium	5.8700	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	02/23/19	3.4000		
Bluestone Coal Corporation	WV	WV1006304	S007282	006	02/23/19	04/02/19	Total Selenium	5.2560	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	03/11/2019	4.5000		
Bluestone Coal Corporation	WV	WV1006304	S007282	006	03/22/19	04/15/19	Total Selenium	4.8000	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2				
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/11/19	02/12/19	Total Aluminum	0.8270	0.7500	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	02/14/2019	0.2630		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	01/02/19	01/03/19	Total Selenium	13.0000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	01/09/2016	7.4100		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	01/05/19	01/09/19	Total Selenium	8.7400	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 1	01/09/2016	7.4100		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/11/19	02/12/19	Total Selenium	12.1700	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	01/16/2019	8.2200		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/14/19	02/15/19	Total Selenium	13.0600	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	02/14/2019	5.5800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/05/19	02/07/19	Total Selenium	9.1600	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	02/14/2019	5.5800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/09/19	03/28/19	Total Selenium	9.1000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 1	02/14/2019	5.5800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/11/19	02/12/19	Total Selenium	10.9200	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	02/14/2019	5.5800		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/25/19	03/11/19	Total Selenium	9.6000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	03/14/2019	0.3000		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	03/11/19	03/23/19	Total Selenium	9.6000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 1				
Bluestone Coal Corporation	WV	WV1006304	S007282	007	03/22/19	03/29/19	Total Selenium	12.5000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A				
Bluestone Coal Corporation	WV	WV1006304	S007282	007	03/26/19	04/02/19	Total Selenium	9.0000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 1				
Bluestone Coal Corporation	WV	WV1006304	S007282	007	03/30/19	04/15/19	Total Selenium	9.8000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2				
Bluestone Coal Corporation	WV	WV1006304	S007282	007	04/16/19	02/08/19	Total Selenium	9.8880	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2				
Bluestone Coal Corporation	WV	WV1006304	S007282	007	02/25/19	04/02/19	Total Selenium	9.5700	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	03/14/2019	4.6000		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	03/26/19	04/15/19	Total Selenium	8.2400	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2				
Bluestone Coal Corporation	WV	WV1006304	S007282	008	01/02/19	01/03/19	Total Selenium	10.6700	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	01/05/2019	7.3900		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	01/14/19	01/15/19	Total Selenium	9.8500	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	01/16/2019	5.9100		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	02/01/19	02/04/19	Total Selenium	8.2500	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	02/05/2019	8.0100		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	02/10/19	03/28/19	Total Selenium	10.0000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A	02/11/2019	7.7600		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	03/22/19	03/29/19	Total Selenium	10.5000	8.2000	Daily	Ineffective treatment, working with NALCO consultant to determine treatment options			N/A				
Bluestone Coal Corporation	WV	WV1006304	S007282	008	03/16/19	03/08/19	Total Selenium	8.4550	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2	02/24/19	4.6000		
Bluestone Coal Corporation	WV	WV1006304	S007282	008	02/24/19	04/02/19	Total Selenium	7.7240	4.7000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			Cat 2				
Bluestone Coal Corporation	WV	WV1006304	S007282	008	03/26/19	04/15/19	Total Selenium											

2nd Quarter 2019 - Effluent Limit Violation Responses																	
Monitoring Site Information					Effluent Limit Violation Details										Sample		
Company Name	State	NPDES Permit	SMCRA Permit	Outfall	Sample Date	Notification Date	Parameter	Result	Limit	Type	Explanations			Category	Compliant Sample Date	Result	Notes
A&G Coal Corporation	VA	VA0081916	1101916	004	06/07/19	06/12/19	Total Suspended Solids	119.0000	70.0000	Daily	Increasing precipitation resulted in high TSS			N/A	06/14/19	5.0000	
A&G Coal Corporation	VA	VA0081916	1101916	004	06/22/19	07/11/19	Total Suspended Solids	49.5000	35.0000	Monthly	Increasing precipitation resulted in high TSS			1	Pending		
A&G Coal Corporation	VA	VA0081954	1101954	C	06/18/19	06/20/19	Total Suspended Solids	92.0000	70.0000	Daily	Increasing precipitation resulted in high TSS			N/A	06/23/19	5.0000	
A&G Coal Corporation	VA	VA0081954	1101954	C	06/23/19	07/11/19	Total Suspended Solids	48.5000	35.0000	Monthly	Increasing precipitation resulted in high TSS			1	Pending		
A&G Coal Corporation	VA	VA0082052	1102052	11A	05/08/19	06/05/19	Total Selenium	5.5000	5.0000	Monthly	Ineffective treatment, working with NALCO consultant to determine treatment options			1	06/13/19	3.0000	
Black River Coal, LLC	VA	VA0082094	1402094	005	06/07/19	06/13/19	Total Suspended Solids	100.0000	70.0000	Daily	Increasing precipitation resulted in high TSS			N/A	06/15/19	5.0000	
Black River Coal, LLC	VA	VA0082094	1402094	005	06/17/19	07/11/19	Total Suspended Solids	38.3333	35.0000	Monthly	Increasing precipitation resulted in high TSS			1	Pending		
Virginia Fuel Corporation	VA	VA0082078	1602078	003	06/07/19	07/11/19	Total Suspended Solids	43.0000	35.0000	Monthly	Increasing precipitation resulted in high TSS			1	Pending		
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	06/23/19	07/11/19	Total Manganese	2.2475	2.0000	Monthly	Low flow pond, water is usually pumped into pond to dilute, power is off to pump.			2	Pending		
Kentucky Fuel Corporation	KY	KYGE40875	8600505	006	04/30/19	05/03/19	Total Manganese	4.9050	2.0000	Monthly	Low flow pond, water is usually pumped into pond to dilute, power is off to pump.			1	05/06/19	1.7700	
Kentucky Fuel Corporation	KY	KYGE40875	8600505	006	04/30/19	05/03/19	Total Manganese	8.1600	4.0000	Daily	Low flow pond, water is usually pumped into pond to dilute, power is off to pump.			N/A	05/06/19	1.7700	
A&G Coal Corporation	VA	VA0081914	1101914	014	04/01/19	05/03/19	Total Suspended Solids	54.5000	35.0000	Monthly	Increasing precipitation resulted in high TSS			1	05/13/19	14.0000	
A&G Coal Corporation	VA	VA0081914	1101914	014	04/01/19	04/03/19	Total Suspended Solids	202.0000	70.0000	Daily	Increasing precipitation resulted in high TSS			N/A	04/06/19	5.0000	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	04/30/19	05/03/19	Total Iron	4.0667	3.0000	Monthly	Increasing precipitation resulted in high Fe			2	05/16/19	0.6400	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	04/30/19	05/03/19	Total Manganese	2.3333	2.0000	Monthly	High amounts of rainfall, caused pond turnover			1	05/16/19	1.3500	
Virginia Fuel Corporation	VA	VA0082073	1702073	M-001A	05/20/19	06/05/19	Total Manganese	2.2683	2.0000	Monthly	High amounts of rainfall, caused pond turnover			2	06/22/19	1.0600	
Virginia Fuel Corporation	VA	VA0082073	1702073	MP-013	04/19/19	04/24/19	Total Suspended Solids	94.0000	70.0000	Daily	Increasing precipitation resulted in high TSS			N/A	04/25/19	5.0000	
Bluestone Coal Corporation	WV	WV1005995	D001182, H062200	001	06/19/19	06/25/19	Total Aluminum	5.0400	0.7500	Daily	Increasing precipitation resulted in high Al			N/A	06/24/19	12.0000	
Bluestone Coal Corporation	WV	WV1005995	D001182, H062200	001	06/27/19	07/11/19	Total Aluminum	1.3375	0.4300	Monthly	Increasing precipitation resulted in high Al			1	Pending		
Bluestone Coal Corporation	WV	WV1005995	D001182, H062200	001	06/19/19	06/24/19	Total Iron	2.8100	2.4600	Daily	Increasing precipitation resulted in high Fe			N/A	06/24/19	0.1400	
Greenthorn, LLC	WV	WV1020366	H043600, S501300	003	05/17/19	06/05/19	Total Aluminum	0.5000	0.4300	Monthly	High amounts of rainfall, caused strip runoff			N/A	06/03/19	0.1600	
Greenthorn, LLC	WV	WV1020366	H043600, S501300	003	05/17/19	05/23/19	Total Aluminum	0.9900	0.7500	Daily	High amounts of rainfall, caused strip runoff			N/A	05/24/19	0.1300	
Second Sterling Corporation	WV	WV0060216	0008282, 0008382, U005284	002	05/24/19	06/05/19	Total Aluminum	0.3500	0.3400	Monthly	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			1	06/03/19	0.1400	
Bluestone Coal Corporation	WV	WV1006614	0403688, U403588	001	06/19/19	06/25/19	Total Aluminum	3.1200	0.7500	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			N/A	06/24/19	0.2600	
Bluestone Coal Corporation	WV	WV1006614	0403688, U403588	001	06/27/19	07/11/19	Total Aluminum	0.9600	0.4300	Monthly	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			1	Pending		
Bluestone Coal Corporation	WV	WV1006304	S007282	001	04/12/19	05/03/19	Total Selenium	4.7500	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			1	05/24/19	3.0000	
Bluestone Coal Corporation	WV	WV1006304	S007282	003	04/25/19	05/03/19	Total Selenium	6.1500	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	05/24/19	3.8000	
Bluestone Coal Corporation	WV	WV1006304	S007282	005	04/25/19	05/03/19	Total Selenium	6.4500	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	06/15/19	3.8000	
Bluestone Coal Corporation	WV	WV1006304	S007282	005	05/24/19	06/05/19	Total Selenium	5.6333	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	06/10/19	4.3000	
Bluestone Coal Corporation	WV	WV1006304	S007282	006	04/15/19	05/03/19	Total Selenium	5.3000	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	05/05/19	4.2000	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	04/25/19	05/03/19	Total Selenium	6.0500	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	06/07/19	0.4000	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	04/25/19	05/03/19	Total Selenium	9.1000	8.2000	Daily	Conducting selenium fish tissue test, working to increase permit limits			N/A	05/24/19	0.3300	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	05/24/19	06/05/19	Total Selenium	7.3500	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	06/07/19	0.4000	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	05/24/19	06/05/19	Total Selenium	8.7000	8.2000	Daily	Conducting selenium fish tissue test, working to increase permit limits			N/A	06/07/19	0.4000	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	06/10/19	06/13/19	Total Selenium	9.8000	8.2000	Daily	Conducting selenium fish tissue test, working to increase permit limits			N/A	06/29/19	5.0000	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	06/26/19	06/28/19	Total Selenium	9.3000	8.2000	Daily	Conducting selenium fish tissue test, working to increase permit limits			2	06/29/19	5.0000	
Bluestone Coal Corporation	WV	WV1006304	S007282	007	06/29/19	07/11/19	Total Selenium	8.0333	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			2	Pending		
Bluestone Coal Corporation	WV	WV1006304	S007282	007	05/24/19	06/05/19	Total Suspended Solids	54.0000	35.0000	Monthly	Increasing precipitation resulted in high TSS			1	06/01/19	8.0000	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	06/10/19	06/14/19	Total Selenium	8.9000	8.2000	Daily	Conducting selenium fish tissue test, working to increase permit limits			N/A	06/16/19	4.5000	
Bluestone Coal Corporation	WV	WV1006304	S007282	008	06/16/19	07/11/19	Total Selenium	6.7000	4.7000	Monthly	Conducting selenium fish tissue test, working to increase permit limits			1	Pending		
Bluestone Coal Corporation	WV	WV1018965	S400900	002	04/03/19	04/20/19	Total Aluminum	0.2200	0.1400	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			1	04/23/19	0.0400	
Bluestone Coal Corporation	WV	WV1018965	S400900	002	04/05/19	04/29/19	Total Aluminum	0.2100	0.1400	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			2	04/23/19	0.0400	
Bluestone Coal Corporation	WV	WV1018965	S400900	002	04/24/19	05/03/19	Total Aluminum	0.1400	0.0800	Monthly	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			2	05/25/19	0.0600	
Bluestone Coal Corporation	WV	WV1018965	S400900	003	05/31/19	06/05/19	Total Aluminum	0.0900	0.0800	Monthly	Increasing precipitation resulted in high Al			1	06/07/19	0.0300	
Bluestone Coal Corporation	WV	WV1018965	S400900	003	06/30/19	07/03/19	Total Aluminum	0.1700	0.1400	Daily	Increasing precipitation resulted in high Al			N/A	Pending		
Bluestone Coal Corporation	WV	WV1018965	S400900	004	04/05/19	04/24/19	Total Aluminum	0.1500	0.1400	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			N/A	04/25/19	0.0300	
Bluestone Coal Corporation	WV	WV1018965	S400900	004	04/24/19	05/03/19	Total Aluminum	0.2275	0.0800	Monthly	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			2	05/25/19	0.0500	
Bluestone Coal Corporation	WV	WV1018965	S400900	004	04/24/19	05/03/19	Total Aluminum	0.6100	0.1400	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			1	04/25/19	0.0300	
Bluestone Coal Corporation	WV	WV1018965	S400900	004	05/14/19	06/05/19	Total Aluminum	0.1367	0.0800	Monthly	Increasing precipitation resulted in high Al			2	06/20/19	0.0300	
Bluestone Coal Corporation	WV	WV1018965	S400900	004	05/14/19	05/23/19	Total Aluminum	0.2900	0.1400	Daily	Increasing precipitation resulted in high Al			N/A	05/25/19	0.0500	
Bluestone Coal Corporation	WV	WV1018965	S400900	005	04/03/19	04/20/19	Total Aluminum	0.1600	0.1400	Daily	Likely cause due to high sediment in pond, run-off from road, and ineffective treatment. Increasing treatment.			1	04/05/19	0.0300	

3rd Quarter 2019 - Effluent Limit Violations													Reported Values		Permit Limits		Exceedance		Exceedance %		Location		Receiving Stream		Other Information	
Company Name	State	Facility Name	NPDES Permit	SMCRA Permit	Site	Outfall	MPID (VA)	Structure	Sample Date	Notification Date	Parameter	Units	Month Avg or Min	Daily Max or Max	Month Avg or Min	Daily Max or Max	Month Avg or Min	Daily Max or Max	Month Avg or Min	Daily Max or Max	Latitude	Longitude	Immediate	Secondary		
Bluestone Coal Corporation	WV	No. 40 Mine, No. 39 Mine	WV1024159	U402790, U402890	002	Outfall	07/03/19	07/11/19	Total Aluminum	mg/l	0.8900	0.7500	1	18.6667	37.46333	-81.48278	Laurel Branch	Elkhorn Creek								
Bluestone Coal Corporation	WV	Red Fox Strip - Multiple Seam	WV1006304	\$007282	007	Outfall	07/03/19	07/12/19	Total Selenium	ug/l	9.0000	8.2000	1	17.9581	37.21139	-81.56333	Jacob Fork									
Bluestone Coal Corporation	WV	Red Fox Strip - Multiple Seam	WV1006304	\$007282	049	Outfall	07/10/19	07/16/19	Total Selenium	ug/l	11.9000	8.2000	1	45.1220	37.21556	-81.5056	Horsepen Creek									
Virginia Fuel Corporation	VA	Eastern Strip / Darby Strip	VA0082078	1602078	Pond 3	003	0002787	On-Bench Pond	07/22/19	07/29/19	Total Iron	mg/l	9.7300	6.0000	1	62.1667	36.86734	-82.90581	Meadow Branch							
Virginia Fuel Corporation	VA	Eastern Strip / Darby Strip	VA0082078	1602078	Pond 3	003	0002787	On-Bench Pond	07/22/19	07/26/19	Total Suspended Solids	mg/l	144.0000	70.0000	1	105.7143	36.86734	-82.90581	Meadow Branch							
Chestnut Land Holdings, LLC	WV	Bishop/Mine No. 36	WV0091952	U021483	017	In-Stream Pond	07/23/19	07/26/19	Total Suspended Solids	mg/l	289.0000	70.0000	1	312.8571	37.21111	-81.56667	Jacob Fork									
Newgate Dev. Of Beckley	WV	Three Marie Mine	WV1026488	S301411	007	In-Stream Pond	07/23/19	08/01/19	Total Aluminum	mg/l	0.1500	0.1400	1	7.1429	37.67444	-81.3130	Bailey Branch	Winding Gulf								
Bluestone Coal Corporation	WV	Red Fox Strip - Multiple Seam	WV1006304	\$007282	007	Outfall	08/06/19	08/16/19	Total Selenium	ug/l	9.6000	8.2000	1	17.0732	37.21139	-81.56333	Jacob Fork									
Bluestone Coal Corporation	WV	Red Fox Strip - Multiple Seam	WV1006304	\$007282	007	Outfall	08/17/19	08/22/19	Total Selenium	ug/l	9.9000	8.2000	1	20.7917	37.21139	-81.56333	Jacob Fork									
Bluestone Coal Corporation	WV	No. 26A Mine - Poca #11	WV1005995	D001182, H062200	001	Outfall	08/21/19	08/28/19	Total Aluminum	mg/l	7.6600	0.7500	1	921.3333	37.45139	-81.44972	Bottom Creek									
Bluestone Coal Corporation	WV	No. 26A Mine - Poca #11	WV1005995	D001182, H062200	001	Outfall	08/21/19	08/28/19	Total Iron	mg/l	9.5330	2.4600	1	287.5203	37.45139	-81.44972	Bottom Creek									
Bluestone Coal Corporation	WV	No. 26A Mine - Poca #11	WV1005995	D001182, H062200	001	Outfall	08/21/19	08/27/19	Total Suspended Solids	mg/l	192.0000	70.0000	1	174.2857	37.45139	-81.44972	Bottom Creek									
Pinnacle Mining Company, LLC	WV	Ranger Fuel	WV0090000	E002500,0013883, 0400892,0401097,0402292,U020483	082	Outfall	08/23/19	08/30/19	Total Manganese	mg/l	4.6400	3.4700	1	33.7176	37.5375	81.494722	Smith Branch	Pinnacle Creek								
Pinnacle Mining Company, LLC	WV	Ranger Fuel	WV0090000	E002500,0013883, 0400892,0401097,0402292,U020483	082	Outfall	08/23/19	08/30/19	Total Aluminum	mg/l	0.9110	0.7500	1	21.4667	37.5375	81.494722	Smith Branch	Pinnacle Creek								
Bluestone Coal Corporation	WV	Red Fox Strip - Multiple Seam	WV1006304	\$007282	008	Outfall	09/16/19	09/19/19	Total Selenium	ug/l	9.1000	8.2000	1	10.9756	37.22417	-81.57250	Jacob Fork									